APPENDIX A

SAMPLE DATA SHEETS

DC-1

DATA COLLECTION FORM
NATURAL HAZARDS EFFECTS
(Extreme Winds, Earthquakes)

A. GENERAL DATA

*1. Facility No. _____ 2. Building Name _____

3. Address _____ 4. City _____

5. State _____ 6. Zip Code _____ 7. Year Built _____

8. Date of Major Modifications or Additions, if any _____

9. Building Code Jurisdiction: City ☐ County ☐ State ☐ Federal ☐

*10. Latitude _____ *11. Longitude _____

12. Current Bldg. Use _____ Orig. Bldg. Use _____

13. Basement Yes ____ No ____ Number of Basements _____

No. of Stories Above Basement _____ (See also Item A23)

14. Height of First Story _____ ft.

15. Upper Story Height _____ ft. Special Story Height _____ ft.

16. Is the exterior of first story different from upper stories?

Street Front Side Yes ____ No ____ Other Sides Yes ____ No ____

17. Approximate Roof Overhang Distance _____ Side _____

18. Proximity to Adjacent Buildings: Sketch Below with North Arrow

North Side _____ South Side _____ East Side _____ West Side _____

Note Street or Alley Sides _____

*To be filled in by Field Supervisor.

Sketch

DC-2

19. Are plans available? _____ If so, where obtainable _____

_____ Are original calculations available? _____ If so,

where obtainable _____

Name of: Architect _____ Engineer _____

Contractor _____

Regulatory Agency _____

20. Basic Building Plan

a. Sketch overall plan.
b. Locate shear walls, if any.
c. Locate main frames.
d. Locate expansion joints, if any.
e. Give approximate north arrow and label sides "A", "B", "C", "D", etc. Show street or alley sides.
f. Note any common or party walls.
g. If plan changes in upper floors, sketch this plan and note level of change.

(Use additional sheet if necessary)

DC-3

21. Elevation of Exterior Walls.

Sketch:
a. All openings or note pattern of openings.
b. Note exterior finish and appendages.
c. Note material of walls.
d. Major cracks or other damage. (Note if cracks are larger at one end.)
e. Note previously repaired damage.
f. Note any evidence of damage to cladding or appendages.

(Use additional sheet if necessary)

DC-4

22. Elevation of Interior Shear Walls.

Sketch: a. All openings.
b. Major cracks or other damage. (Note if cracks are larger at one end.)
c. Note any previously repaired damage.

DC-5

23. Adaptability of Basement to Storm Shelter.

a. Floor Over Basement - Concrete ☐ Other ☐

b. If concrete, give thickness _____

c. Available Space (approximate) _____ sq. ft.

d. Dangerous Contents. Storage of Flammable Liquids ☐

Presence of Transformers or Other Dangerous Equipment ☐

Other Hazards _____

None ☐

24. Is this a Vault-like Structure? Yes ☐ No ☐

DC-6

25. EXTERIOR WALL SUMMARY SHEET

Exterior Characteristics	Side A	Side B	Side C	Side D
Extensive Architectural Ornaments or Veneer				
WALLS Metal Curtain Wall				
Precast Concrete Curtain Wall				
Stone				
Brick				
Concrete Block				
Concrete				
Other				
For Concrete Block and Brick, indicate R for Running Bond S for Stacked Bond				
Condition of Wall*				
OPENINGS Percent of Open Area per Story				

*1. No cracks, good mortar.
2. Few visible cracks.
3. Many cracks
4. Evidence of minor repairs.
5. Evidence of many repairs.

DC-7

B. SITE RELATED INFORMATION

1. Exposure

a. Centers of large city ☐ b. Very rough hilly terrain ☐

c. Suburban areas, towns, city outskirts, wood areas, or rolling terrain ☐ d. Flat, open country ☐

e. Flat coastal belts ☐ f. Other ☐

2. Topography

a. Building on level ground ☐ b. Building on sloping ground ☐

c. Building located adjacent to embankment ☐

*3. Geologic formation _____

*4. Location of known faults: Name _____ Miles _____

_____ Miles _____

*5. Depth of water table _____ ft. When measured: _____ (Month) (Year)

*6. Depth of bedrock _____ ft.

*7. Soil type _____

*8. Bearing capacity _____ p.s.f., or _____ blows per inch

9. Proximity to potential wind-blown debris - Type _____

Location _____ Distance _____

*To be filled in by Field Supervisor.

DC-8

C. STRUCTURAL SYSTEMS

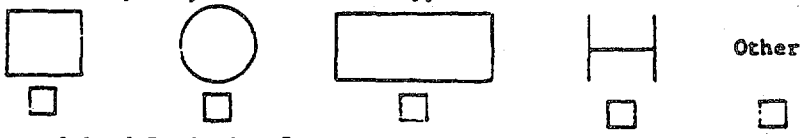
1. Material

Concrete ☐ Masonry ☐ Steel ☐ Wood ☐

2. Vertical Load Resisting System

Frame ☐ Bearing Wall ☐ Wall and Pilasters ☐

For frame system, check one for typical column cross-section



☐ ☐ ☐ ☐ Other ☐

3. Lateral Load Resisting System

Masonry Shear Wall ☐ Braced Frame ☐

Concrete Shear Wall ☐ Moment Resisting Frame ☐

Plywood Shear Wall ☐ Are resisting systems symmetrically located? Yes ☐ No ☐

4. Floor System

Frame

Concrete Beams ☐ Wood Beams ☐

Steel Beams ☐ No Framing Members ☐

Steel Bar Joist ☐ Precast Concrete Beams ☐

Deck

Concrete Flat Plate ☐ Straight Sheathing ☐

Concrete Flat Slab ☐ Plywood Sheathing ☐

Concrete Waffle Slab ☐ Diagonal Sheathing ☐

Steel Deck ☐ Precast Concrete Deck ☐

Wood Joists ☐ Concrete Joists ☐

Wood Plank ☐ Concrete Plank ☐

Note if concrete topping slab is used over metal decks or concrete plank.

EC-9

Connection Details

	Framing	Decking To Framing
Bolted	☐	☐
Welded	☐	☐
Metal Clips	☐	☐
Wire Fastener	☐	☐
No Connection	☐	☐
Nailed	☐	☐
Metal Hangers	☐	☐

Anchorage Floor to Walls

Type _____

Spacing _____

5. Roof System

Frame

Concrete Beams	☐	Steel Truss	☐
Steel Beams	☐	Wood Truss	☐
Steel Bar Joist	☐	No Framing Members	☐
Wood Beams	☐	Precast Concrete Beams or Tees	☐
Wood Rafters	☐		

Deck

Concrete Flat Slab	☐	Concrete Waffle Slab	☐
Metal Decking	☐	Plywood Sheathing	☐
Concrete Slab	☐	Diagonal Sheathing	☐
Concrete Joists	☐	Straight Sheathing	☐
Precast Decking	☐	Concrete Fill	Yes ☐ No ☐

DC-10

Connection Details

	Framing	Decking to Framing
Bolted	☐	☐
Welded	☐	☐
Metal Clips	☐	☐
Wire Fastener	☐	☐
No Connection	☐	☐
Nailed	☐	☐
Metal Hangers	☐	☐

Anchorage Roof to Walls

Type _____

Spacing _____

D. NONSTRUCTURAL ELEMENTS

1. Partitions

Type

	Typical	Corridor
Partial Height	☐	☐
Full Height Floor-To-Ceiling	☐	☐
Floor To Floor	☐	☐
Movable	☐	☐

Composition

- Lath and Plaster ☐
- Gypsum Wallboard ☐
- Concrete Block ☐
- Clay Tile ☐
- Metal Partitions ☐

DC-11

2. Ceiling

Typical Room

Material

Acoustical Tile ☐ Gypsum Board ☐ Plaster ☐

Method of Attachment

Suspended ☐ Metal Channels ☐ Tee Bar Grid ☐

Attached Directly to Structural Elements ☐

Typical Corridor

Material

Acoustical Tile ☐ Gypsum Board ☐ Plaster ☐

Method of Attachment

Suspended ☐ Metal Channels ☐ Tee Bar Grid ☐

Attached Directly to Structural Elements ☐

3. Light Fixtures

Typical Room

Recessed ☐ Surface Mounted ☐ Pendant (Suspended) ☐

Typical Corridor

Recessed ☐ Surface Mounted ☐ Pendant (Suspended) ☐

4. Mechanical Equipment

Location of Mechanical Equipment Room

Basement ☐ Other Floor ☐ Which Floor _____

Roof ☐

Is Equipment Anchored to Floor? No ☐ Yes ☐

Location of The Following Units

Liquid Storage Tank _____

Cooling Tower _____

Air Conditioning Unit _____

DC-12

5. Roofing

Description

Flat ☐ Arched ☐ Gabled ☐ If arched or gabled, sketch section.

Pitched ☐ Slope (:12)

Parapet No ☐ Yes ☐ Height (_____ ft. _____in.) Thickness (____in.)

Material _____ Special Anchorage or Bracing Yes ☐ No ☐

Type

Built-up gravel ☐ Gravel ☐ Asphalt or Wood Shingles ☐

Clay Tile ☐ Other ☐

6. Windows

Type

Fixed ☐ Movable ☐

Frame Material:

Aluminum ☐ Steel ☐ Stainless Steel ☐ Wood ☐

Size: Average Size of Casing (____ ft. x _____ ft.)

Average Size of Glazing (____ ft. ____ in. x ____ ft. ____ in.)

How Casing is Attached to Structure

Bolted ☐ Screwed ☐ Clipped ☐ Welded ☐ Nailed ☐

Glazing Attachment to Casing

Elastomeric Gasket ☐ Glazing Bead ☐ Aluminum or Steel Retainer ☐

Other ☐

7. Gas Connection

Flexible Connection to Building ☐ Rigid Connection to Building ☐

Automatic Shut-off ☐ None ☐ Unknown ☐

INSPECTED BY _____

DATE _____

FIELD SUPERVISOR _____

FORM FMA-1

FACILITY NO. _____ EXPECTED SITE MODIFIED MERCALLI INTENSITY _____

FIELD EVALUATION METHOD

STRUCTURAL SYSTEMS - EARTHQUAKE AND WIND RATING

VERTICAL RESISTING ELEMENTS							
Type	General Rating (GR) E	General Rating (GR) W	Symmetry (S)	Quantity (Q)	Symmetry 1 Quantity Rating (SQR)	Present Condition (PC)	2 Sub-Rating (SR1)
TRANSVERSE LOADING							
LONGITUDINAL LOADING							

FOOTNOTES:

1. Symmetry-Quantity Rating (SQR) = $\frac{S + Q}{2}$.

2. Sub-rating SR-1 = $\frac{SQR + 2PC}{3}$.

	TYPE	GENERAL RATING (GR) Earthquake	Wind
A	Steel Moment Resistant Frames	1	1
B	Steel Frames - Moment Resistance Capability Unknown	2	2
C	Concrete Moment Resistant Frames	1	1
D	Concrete Frames - Moment Resistance Capability Unknown	2	2
E	Masonry Shear Walls - Unreinforced	4	2 or 3
F	Masonry or Concrete Shear Walls - Reinforced	1	1
G	Combination - Unreinforced Shear Walls and Moment Resistant Frames	2	2
H	Combination - Reinforced Shear Walls and Moment Resistant Frames	1	1
J	Braced Frames	1	1
K	Wood Frame Buildings, Walls Sheathed or Plastered	1 or 2	2 or 3
L	Wood Frame Buildings, Walls Without Wood Sheathing or Plaster	4	4

SYMMETRY (of Resisting Elements)

1	Symmetrical
2	Fairly Symmetrical
2 or 3	Symmetry Poor
3 or 4	Very Unsymmetrical

NOTE: Add 1 (not to exceed 4) to each rating if a high degree of vertical non-uniformity in stiffness occurs.

QUANTITY (of Resisting Elements)

1	Many Resisting Elements
2	Medium Amount of Resisting Elements
3	Few Resisting Elements
4	Very Few Resisting Elements

NOTE: If exterior shear walls are at least 75% of building length, this rating will be 1.

PRESENT CONDITION (of Resisting Elements)

1	No Cracks, No Damage
2	Few Minor Cracks
3	Many Minor Cracks or Damage
4	Major Cracks or Damage.

NOTE: If masonry walls, note quality of mortar - good or poor. If lime mortar is poor, use next higher rating.

FACILITY NO. _____ FORM FMA-2

FIELD EVALUATION METHOD

STRUCTURAL SYSTEMS - EARTHQUAKE AND WIND RATING

HORIZONTAL RESISTING ELEMENTS						
Type		Rigidity (R)	Anchorage & Connections (A)	Chords (C) Longitudinal	Chords (C) Transverse	Sub-Rating (SR2)
Roof						
Floors						

Note: Sub-rating SR2 = Largest of R, A or C.

Type
A Diaphragm
B Steel Horizontal Bracing

Rigidity - Ratings
1. Rigid
1.5 Semi-rigid
2.0 Semi-flexible
2.5 Flexible

Anchorage and Connections - Ratings
1 Anchorage confirmed - capacity not computed, but probably adequate.
2 Anchorage confirmed - capacity not computed, but probably inadequate.
3 Anchorage unknown.
4 Anchorage absent.

Chords - Ratings
1 Chords confirmed, but capacity not computed.
2 Chords unknown, but probably present.
3 Chords unknown, but probably not present.
4 Chords absent.

FACILITY NO. _____ FORM FMB-1

FIELD EVALUATION METHOD

EXIT CORRIDOR AND STAIR ENCLOSURE WALLS - EARTHQUAKE RATING

TYPE OF WALL	REINFORCEMENT			ANCHORAGE					WALL RATING
	Present	Not Present	Not Known	Mortar Only	Dowels	Screws or Bolts	Other	Not Known	
Brick									
Brick									
Concrete Block									
Concrete Block									
Reinforced Concrete									
Tilt-up or Precast Concrete									
Steel Studs & Plaster									
Wood Studs & Plaster									
Hollow Tile									
Hollow Tile & Plaster									

NOTE: Wall Rating on Basis of A, B, C, and X.

FORM FMB-1

FACILITY NO. _____ FORM FMB-2

FIELD EVALUATION METHOD

OTHER LIFE HAZARDS - EARTHQUAKE RATING

TYPE OF RISK	RATING
Partitions Other Than on Corridors or Stair Enclosures	
Glass Breakage	
Ceiling	
Light Fixtures	
Exterior Appendages and Wall Cladding*	

Ratings
A = Good
B = Fair
C = Poor
X = Unknown

*A description of some of the ratings for Exterior Appendages and Wall Cladding are:

Description	Rating
Spacing of anchors appears satisfactory	A
Size and embedment of anchors satisfactory	A
Spacing of anchors appears to be too great	B
Size and embedment of anchors appears unsatisfactory	C
Anchorage unknown	X
Anchorage corroded or obviously loose	C
No anchorage	C

EARTHQUAKE GAS CONNECTION		
Present	Not Present	Not Known

FACILITY NO _____ FORM FME

FIELD EVALUATION METHOD

CAPACITY RATIOS - EARTHQUAKE AND WIND RATING

	General Rating (GR)	Sub-Rating SR1	Sub-Rating SR2	Basic Structural Rating*	Capacity Ratio**
EARTHQUAKE					
WIND					

*Basic Structural Rating = $\frac{GR + 2 \text{ (Largest of SR1 or SR2)}}{3}$.

**Capacity Ratio for wind shall be obtained from Form FMC-1. For earthquake, the ratio is obtained from the Basic Structural Rating divided by the Intensity Level Factor at the site as determined from the table below.

Modified Mercalli Scale	Intensity Level Factor
VIII or Greater	1
VII	2
VI	3
V or Less	4

A description of Modified Mercalli Scale is included on table 3.3.

Capacity Ratio Rating	
Capacity Ratio	Rating (In Terms of Risk)
Less than 1.0	Good
1 through 1.4	Fair
1.5 through 2.0	Poor
Over 2.0	Very Poor

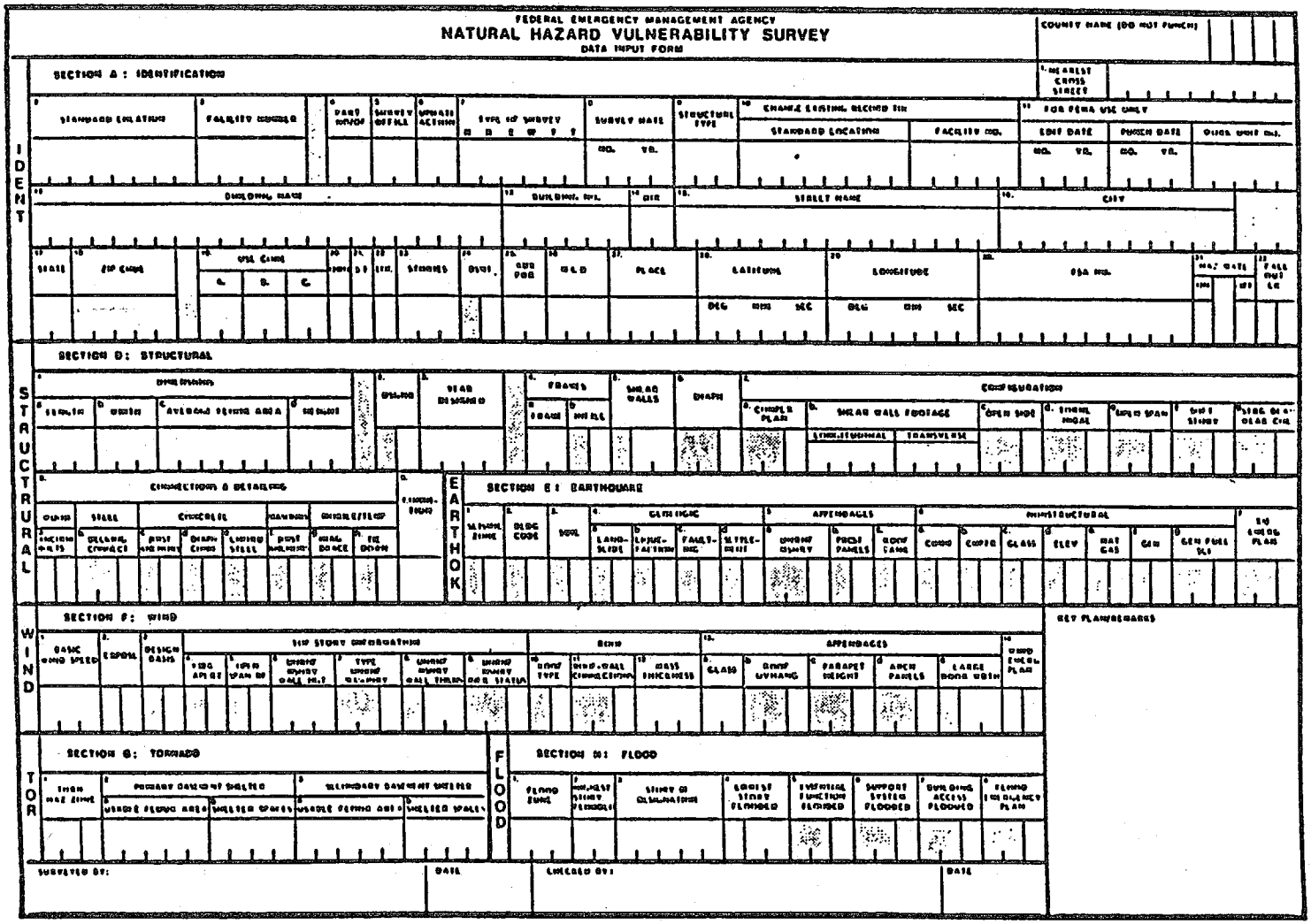


Fig. 1-2. Multi-Hazard DIF.

A. IDENTIFICATION

9. STRUCTURE TYPE (Enter Number)

1. Quonset, steel frame
2. Wood frame
3. Wall bearing
4. Steel frame
5. Reinforced-concrete frame
6. Steel/concrete frame
7. Tunnels
8. Mines

Type floor & roof

1. Wood joist
2. Wood/steel joist, shallow truss
3. Glulam
4. Precast concrete
5. Reinforced concrete slab
6. Flat plate
7. Metal deck/steel frame
8. Metal deck/open-web bar joist
9. Lightweight tension structure

Type walls

1. Masonry, unreinforced
2. Masonry, reinforced
3. Reinforced concrete
4. Precast concrete
5. Infill masonry
6. Corrugated-metal
7. Arch cladding
8. Wood sheathing
9. Stucco
0. Glass

24. BASEMENT
0. No basement

Wood
1. Wood joists
2. Plywood I-joist
3. Glulam
4. Heavy timber

Concrete
5. One-way joists or slab
6. Flat plate
7. Flat slab
8. Two-way slab
9. Waffle slab
10. Precast

Combination
11. Steel joist/concrete slab
12. Steel frame/concrete slab
13. Wood/steel joists

D. STRUCTURAL

4. FRAMES (Enter Number)

a. Frame class

Wood
1. Timber/pole
2. Braced frame

Steel
3. All metal
4. Pinned
5. Moment-resistant
6. Ductile moment-resistant
7. Braced frame

Concrete
8. Pinned
9. Slab/plate
10. Moment-resistant
11. Ductile moment-resistant
12. Braced frame

Lightweight tension structure
13. Tension structure

b. Infill class
0. Not infilled
1. Infill/partial infill unreinforced or partially reinforced masonry
2. Infill/partial infill reinforced masonry

5. SHEAR WALLS (Enter Number)

Wood
1. Plywood
2. Non-plywood

Steel
3. Plate

Masonry
4. Ordinary unreinforced
5. Monumental unreinforced
6. Partially reinforced
7. Reinforced

Concrete
8. Poured-in-place
9. Precast

Mobile/Temporary
10. Mobile/Temp Module

6. DIAPHRAGMS (Enter Number)

Wood
1. Plywood
2. Non-plywood

Steel
3. Metal decking or diagonally braced

Concrete
4. Reinforced
5. Precast
6. Unreinforced
7. Lightweight tension structure

7. CONFIGURATION
(Yes/No/0 = does not apply)

8. CONNECTIONS AND DETAILING
(Yes/No/0 = does not apply)

9. CONDITION (Enter Number)

1 = good
2 = slight deterioration
3 = major deterioration

E. EARTHQUAKE

2. BUILDING CODE (Enter Number)

1. No seismic design
2. Some seismic design
3. UBC 1949-1970
4. UBC 1973+
5. Above average criteria

3. SOIL
(S = soft, H = hard)

4. GEOLOGIC
0 = no data
1 = low hazard
2 = intermediate
3 = high

5. APPENDAGES
(Yes/No/0 = no data)

6. NONSTRUCTURAL
X = not present
0 = no data
B = braced
U = unbraced

7. EARTHQUAKE PLAN
(Yes/No/0 = no data)

F. WIND

2. EXPOSURE
(A or B)
A. Protected
B. Open

3. DESIGN BASIS
(Enter Number)
1. No wind design
2. Some wind design
3. Code, 1961-1975
4. Code, 1976+

7. MASONRY TYPE
(Enter Letter)
a. Clay brick
b. Clay tile
c. Concrete block
d. Concrete brick
e. Adobe
f. Stone

9. INFILL
(Enter Number)

0 = no infill
1 = partial
2 = infill

10. ROOF
(Enter Number)

1. Plywood
2. Non-plywood
3. Metal decking
4. Reinforced concrete
5. Precast
6. Unreinforced concrete
7. Lightweight tension structure

11. ROOF/WALL CONNECTION
(Enter Number)

0. No data
X. No connection
1. Plywood
2. Non-plywood
3. Metal decking
4. Reinforced
5. Precast concrete
6. Unreinforced concrete

12. APPENDAGES
(Enter Letter)

a. Glass (%)
b. Overhang (ft)
c. Parapet height (ft)
d. Arch panels (Yes/No)
e. Large door width (ft)

14. WIND EMERGENCY PLAN
(Yes/No/0 = no data)

G. TORNADO SHELTER

1. TORNADO ZONE (Enter Number)

1 = lower risk
2 = higher risk

CONSTRUCTION:	OCCUPANCY:	CONFIGURATION:	CONTENTS:
F-RC-H1 TYPE	03/15 USE CODE	4 # STORIES	X HAZARDOUS
___PRE 1939	___VITAL	65 x 200 SIZE	___IMPORTANT
___PRE 1973	___HIGH DENSITY	___CMPLX PLAN	
1920 DATE	___VULNERABLE	___CMPLX ELEV	DECORATION:
___RENOVATED	X 8AM-6PM	___SOFT STORY	___HEAVY
_____DATE	___6PM-MDNT	___OPEN FRONT	___OVERHANGING PUBLIC WAY
	___MDNT-8AM	H = 45'	

CONSTRUCTION

EXT. WALLS: FACADE _____ SIDES 6" RC

INT. WALLS: BEARING _____ PARTITIONS _____

DIAPHRAGMS: FLOOR _____ ROOF _____

FRAME: ___BRACED; ___MOMENT RESISTING; OTHER: _____

MISC. FIRE PROOF CONST

CONFIGURATION

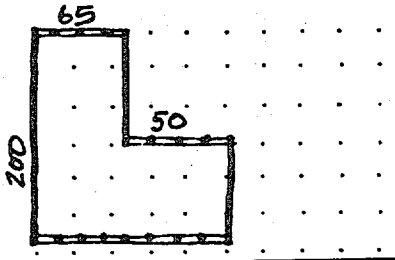
STIFFNESS DISTRIBUTION:

PLAN L-SHAPE

ELEVATION IRREGULAR

MISC. _____

PLAN SKETCH:



FUNCTION AND OCCUPANCY

FLOORS: ___-___ USES: WAREHOUSE/OFFICE

FLOORS: ___-___ USES: _____

FLOORS: ___-___ USES: _____

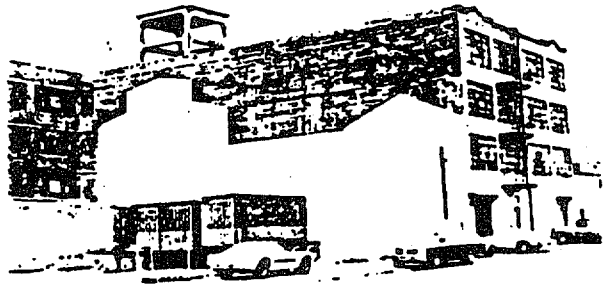


FIGURE A1-2.
Sample Building Information Sheet.

Construction Types Code:

Bearing Wall:

B-UM	Unreinforced Masonry
B-RM	Reinforced Masonry
B-RC	Reinforced Concrete
B-PC	Pre-cast Concrete
B-WD	Wood (stud wall)

Frame:

F-ST-(HI, LI, HC, LC)	Steel
F-RC-( )	Reinforced Concrete
F-WD-( )	Wood (glu-lam, heavy timber)

Exterior skin (heavy infill, light infill, heavy curtain, light curtain)

Frame material

Use Codes:

01	Apartment
02	Hotel
03	Office
04	Retail
05	Restaurant
06	Theatre
07	Auditorium
08	Gymnasium
09	Church
10	School
11	Hospital
12	Parking
13	Car Servicing
14	Manufacturing
15	Warehouse
16	Public facility
17	Public utility

FIGURE A1-3. Key to sample Building Information Sheet.

CRITICAL FACILITIES
FIELD INSPECTION BUILDING DATA SHEET

1. NAME OF BUILDING_____ CENSUS TRACT_____
2. BLDG. ADDRESS_____ CITY_____ COUNTY_____
3. NO. OF OCCUPANTS_____ DAY_____ NIGHT_____
4. YEAR BUILT_____ 5. BLDG. SIZE (SQUARE FEET)_____
6. NO. OF STORIES/FLOOR_____ 7. BASEMENT? YES_____ NO_____
8. PRIMARY STRUCTURAL SYSTEM

_____ A. STEEL FRAME
_____ B. STEEL FRAME (REINFORCED CONCRETE SHEAR WALL AROUND CENTRAL CORE)
_____ C. WALL BEARING
_____ D. PRECAST COLUMN AND BEAM
_____ E. REINFORCED CONCRETE FRAME
_____ F. REINFORCED CONCRETE FRAME (REINFORCED CONCRETE SHEAR WALL AROUND CENTRAL CORE)
_____ G. FLAT PLATE CONCRETE SLAB
_____ H. WOOD FRAME
_____ I. PLANK AND BEAM FRAME
_____ J. PRE-ENGINEERED METAL BUILDING
_____ K. OTHER STRUCTURAL TYPES DESCRIBE
_____
_____

9. FOUNDATION TYPE

_____ A. SPREAD
_____ B. STRIP
_____ C. PILES
_____ D. CAISSONS
_____ E. SLAB ON GROUND
_____ F. OTHER

10. WALL TYPE _____
11. FLOOR/ROOF TYPE _____
12. SPECIAL FEATURES _____
_____
13. SPECIAL SOIL CONDITIONS _____
_____

SINGLE AND MULTI-FAMILY HOUSING DATA SHEET

CENSUS TRACT (DISTRICT) _____

ITY _____ COUNTY _____

A. SINGLE FAMILY RESIDENCES

1) PREDOMINATE FOUNDATION TYPES
   - A. _____ SLAB ON GROUND
   - B. _____ POURED CONCRETE OR MASONRY BLOCK FOUNDATION WALL
   - C. _____ STONE FOUNDATION WALLS
   - D. _____ OTHER

2) PREDOMINATE EXTERIOR WALL, VENEER OR FINISH
   - A. _____ BRICK/MASONRY
   - B. _____ STONE
   - C. _____ WOOD-SIDING OR SHINGLES
   - D. _____ STUCCO
   - E. _____ OTHER

3) CHIMNEYS, PARAPETS, ORNAMENTATION OR OTHER FALLING HAZARDS _____

4) AGE _____ 5) HEIGHT _____

5) NO. OF OCCUPANTS DAY _____ NIGHT _____

B. MULTI-FAMILY RESIDENCES

1) PREDOMINANT STRUCTURAL TYPE
   - A. _____ STEEL FRAME
   - B. _____ WALL BEARING
   - C. _____ CONCRETE FRAME
   - D. _____ FLAT PLATE
   - E. _____ WOOD FRAME
   - F. _____ PLANK AND BEAM

2) NO. OF OCCUPANTS DAY _____ NIGHT _____

3) AGE _____ 4) HEIGHT _____

5) STORIES/FLOORS _____

CENSUS TRACT _____

NO. OF BLDGS.	COMMERCIAL	NON-EDUCATIONAL	PUBLIC	UTILITIES	INDUSTRIAL	EDUCATIONAL
STEEL FRAME						
WALL-BEARING						
CONCRETE FRAME						
FLAT PLATE						
WOOD FRAME						
PLANK AND BEAM						
PRE-ENGINEERED METAL						
1 STORY/FLOOR						
2-5 STORIES/FLOORS						
6-10 STORIES/FLOORS						
OVER 10 STORIES/FLOORS						
AGE PRIOR 1900						
1900-1929						
1930-1949						
1950-1969						
1970-PRESENT						

BUILDING ADDRESS:	BUILDING LOCATION (APN):
NAME OF BUSINESS TENANTS:	OWNERS NAME & ADDRESS:
TYPE OF USE:	NO. OF STORIES: _____ BASEMENT: _____
TYPE OF STRUCTURAL SYSTEM:	
BUILDING SIZE: Square Footage per floor: _____ Total: _____	OCCUPANT LOAD: (UBC-Table 33-A) _____
DATE OF ORIGINAL CONSTRUCTION: _____ DATE OF SUBSEQUENT REMOD./REPAIR AFFECTING THE STRUCTURAL SYSTEM: _____	
NAME OF ORIGINAL DESIGNER: _____ NAME OF ORIGINAL CONTRACTOR: _____ COMPANY RESPONSIBLE FOR SUBSEQUENT STRUCTURAL MODIFICATION: _____	
HISTORIC BUILDING CATEGORY: ☐ YES ☐ NO	
REMARKS:	

BUILDING ADDRESS: 550 Example * / 552

BUILDING LOCATION (APN): 120-15-084

NAME OF BUSINESS TENANTS:
550 *
552 *

OWNERS NAME & ADDRESS: *

TYPE OF USE:
550 Coffee House 3274
552 Retail Store 3274

NO. OF STORIES: 1

BASEMENT: No

TYPE OF STRUCTURAL SYSTEM: C.B. & R.C. Beams & Cols. Flat Roof

BUILDING SIZE:
Square Footage per floor: 5475 / 2250 Mez.
Total: 7725

OCCUPANT LOAD:
(UBC-Table 33-A) ≈ 100
$\frac{1/2(5475)}{15} + \frac{1/2(5475)}{30} + \frac{2250}{100}$

DATE OF ORIGINAL CONSTRUCTION: 1951
DATE OF SUBSEQUENT REMOD./REPAIR AFFECTING THE STRUCTURAL SYSTEM: _____

NAME OF ORIGINAL DESIGNER: N/A

NAME OF ORIGINAL CONTRACTOR: —

COMPANY RESPONSIBLE FOR SUBSEQUENT STRUCTURAL MODIFICATION: —

HISTORIC BUILDING CATEGORY: ☐ YES ☒ NO

REMARKS:

* Names omitted in this publication

BUILDING INSPECTION QUESTIONNAIRE
(Damage Estimation)

INSPECTORS NAME: _____ DATE: 5/9/85

IDENTIFICATION OF STRUCTURE: Bldg. #4

LOCATION: _____ ZONE: UBC 4

SPECIFIED INTENSITY (MMI): IX

Adjacency Factor:

The structure endangers another structure: yes

The structure is endangered by another structure: yes

The structure may be a support for another sturcture: yes

The structure may be supported by another structure: yes

STRUCTURES USE: Residential _____ Commercial ✓ Industrial _____

Special Facility no

Lifelines no

Importance Factor:

Impact of structures' use in the regions' economy in the event of an earthquake. negligible

MISC. DATA:

Year Structure Built 1890-1900 No. of Stories 1

Floor area per story 4950 (Square Feet)(w/penthouse)

No. of Occupants: Day 15 Night 0

Potential no. of victims 15

Is there a basement? no

Is there a SANITARY crawl space? no

BUILDING CONFIGURATION:

REGULAR _____

IRREGULAR ✓

Elevation Regularity yes

Plan Symmetry yes

Offset center of rigidity maybe

Discontinuity yes

SETBACKS yes

GEOMETRY OF BUILDING (Attach sketches showing overall dimensions, layout, window spacings and sizes):

Elevation View _____

Plan View 45' x 110'

Exterior Wall View _____

Typical Shear Wall (core of corner) URM

NO. OF SEPARATION JOINTS:

In Elevation none

In Plan of Superstructure none

EVALUATION	Transverse Direction	Longitudinal Direction
-Plan Symmetry	good (average) poor	good (average) poor
-Elevation Regularity	good (average) poor	good (average) poor
-Redundancy of Bracing Elements	good average (poor)	good average (poor)

SPECIAL CHARACTERISTICS:

BUILDING CLASSIFICATION SYSTEM 2.1.1.a

STRUCTURAL REDUNDANCIES: Frame Line no
Plan no

QUALITY OF CONSTRUCTION:		Good	Avg.	Poor
Workmanship:	Visual Observation	✓	-	-
	Review of Documentation	-	-	-
	Analytical Studies	-	-	-
Overload History Weakening Structural Resistance:				
	* Due to Earthquake	-	-	-
	Due to Fire	-	-	-
	Due to Extreme Environmental Conditions	-	-	-

QUALITY OF DESIGN: *masonry cracks @ mortar joints

Is design regular or special? regular
Proper consideration of soil condition? unknown
Is it designed for earthquake loading? no
Structural ductility? none
Does as-built structure conform to design? n/a
Original designed base shear (kips)? n/a
Computed existing base shear (kips)? n/a
Ratio of existing to original? unknown

CONSTRUCTION MATERIALS:

Quality of materials used? average
Comparison with original material specs? n/a
Masonry or non-masonry? URM
Reinforced or non-reinforced?

SUPERSTRUCTURE

Continuous concrete wall? no
Concrete columns with infill? no
Large heavy pre-cast structural elements? no
Others masonry pilaster and infill
Any signs of distress?

FOUNDATION:

Type? spread
Is soil strength adequate? unknown - probably
(Identify loose sands, sensitive clays, or highly cemented sands clay
Possibility of landslide? no
Possibility of settlement? no - has already occurred
Possibility of sliding? no
Possibility of overturning? no
Possibility of liquefaction? no
Possibility of uplift? no

PRIMARY STRUCTURAL SYSTEM OR ELEMENTS:

Vertical load carrying elements? masonry pilasters
Lateral load carrying elements? URM shear walls

INTERIOR ENVELOPE:	VERTICAL	NON-VERTICAL
	Walls gypsum	Floors concrete slab on grade
	Doors/Windows wood/fold	Ceilings gypsum
	Others —	Others —

EXTERIOR ENVELOPE:	VERTICAL	NON-VERTICAL
	Walls masonry	Roofs tin built-up
	Doors/Windows wood/fold	Slabs concrete on grade

EVALUATION:

Some columns added to lower truss chord. A second floor (attic) was then placed on the truss chord.

Possibility of buckling of x-bracings? no
Excessive deflections of long span floors and roofs, etc.? no
Presence of cracks? yes - masonry walls
Excessive compressive force (Possibility of crushing)? no
Additional openings and/or penetrations? no
Possibility of weak column strong beam? no
Additional closures (partitions)? no
Shear wall type and thickness? 8" URM
Is suspended ceiling braced? no

SECONDARY NON-STRUCTURAL SYSTEM OR COMPONENTS:

ARCHITECTURAL:

INTERIOR ELEMENTS	EXTERIOR ELEMENTS
Lights hanging fluorescent	Parapets yes
Ornamentations much	Ornamentations no
Finishes no	Marquees —
Partitions gypsum	Overhangs no
Stairways timber/fold	Balconies no
Shaftway —	Chimneys no
Ceilings gypsum	Railings no
Others —	Roofing tin w/ built-up over
	Siding no
	Cladding no
	Fire Escape no
	Canopies no
	Veneers no
	Others —

Possibility of collapse of infill materials? yes

SERVICE SYSTEMS:

ELEVATORS: no
Possibility of cage falling? _____
Adequacy of cage guides and motor mountings _____
MECHANICAL forced air gas
ELECTRICAL old
SPRINKLER none
FIRE CONTROL SYSTEM none
FUEL (HVC) natural gas

Are service systems adequate? yes
Are service systems adequately mounted? no
Will they provide service after an earthquake? no
Possibility of failure in fuel system causing fire? slight
Adequacy of fire control system? no
Possibility of explosion? no
Possibility of release of toxic chemicals? no

CONNECTIONS:

Adequacy of connections between primary structural elements to develop shear resistance? poor
Adequacy of connections between secondary non-structural elements to develop shear resistance? poor
Adequacy of connections between primary structural elements and secondary non-structural components to develop shear resistance? poor
Adequacy of foundations connections? unknown

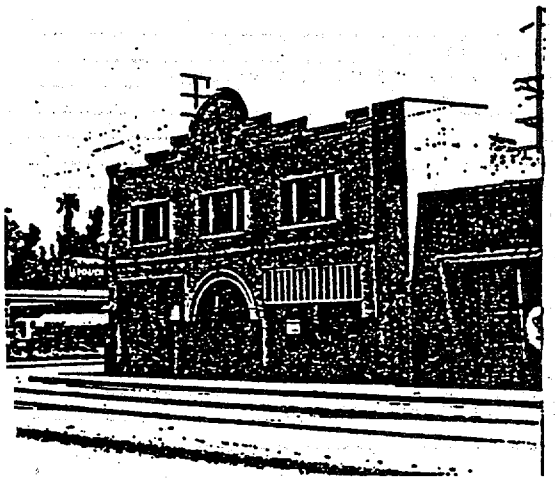
General Remarks:

a. old URM building with timber roof trusses and sheet metal roof.

b. Reasonably open interior from floor to roof trusses with a few wood stud/gypsum partitions.

c. Trusses poorly attached to masonry pilasters.

BUILDING DATA FORM



ADDRESS:

AREA: TARGET AREA V

BUILDING NAME:

OWNER:

OCCUPANCY TYPE: B-2 AND R-3

TYPE OF CONSTRUCTION: URM, STUCCO

NUMBER OF STORIES: 2

BUILDING HEIGHT: 24 FEET

CONSTRUCTION: 1912

PLANS AVAILABLE: NONE

SUMMARIZE FINDINGS AND RECOMMENDATIONS HERE:

PRESENTLY VACANT. OWNER IS PRESENTLY IN PROCESS OF GUTTING THE BUILDING IN ORDER TO DO SEISMIC RETROFIT AND REMODELING TO OFFICE/COMMERCIAL USESES. INTERIOR WALLS ON SECOND FLOOR REMOVED SHOWING STRUCTURAL LUMBER AND INTERIOR SIDE OF WALLS. OLD WOOD IN GOOD SHAPE. SECOND STORY FLOOR IS DIAGONALLY SHEATHED. NO MAJOR CRACKS OR OTHER STRUCTURAL WEAKNESSES NOTED.

SAMPLE

FIELD DATA

ROOF: FLAT

COVERING HOT-MOPPED TAR

PARAPETS: FRONT - MATERIAL: BRICK QUALITY GOOD MORTAR QUAL. GOOD
THICKNESS 8" HEIGHT 2-3' BRACED OR BOND BEAM: —
OTHER REINF: NONE 7' AT FRONT

ARCHITECTURAL IMPORTANCE: POTENTIAL - UNIQUE STYLE

SIDE AND REAR WALLS: URM, STUCCO COVERED

CORNICES: MATERIAL: NONE
PROJECTION: —
OTHER OBSERVATIONS: ROOF TILE —
COPING —
TOWERS/CHIMNEYS —
SIGNS 3'x 7' PROJECTED OVER SIDEWALK
TANKS —

ATTIC: HEIGHT: — MATERIAL: —
ANCHORS/BOND BEAMS: —

INTERIOR:
FLOORS: WOOD
INTERIOR WALLS: LATH & PLASTER
FRAMING: 2" x 6"

EXTERIOR:
ABUTTING BUILDINGS: SOUTH SIDE ONLY; TIRE STORE

STREET FRONT CONSTRUCTION: 4 LANE BOULEVARD

ARCHITECTURAL SIGNIFICANCE: POTENTIAL

LINTELS: ARCHED FRONT

THIN FACING OVER FRAMING:

SIGNS OR OTHER HAZARDS: ONE SIGN CANTILEVERED OVER FRONT SIDEWALK

OTHER OBSERVATIONS: EXPOSED BRICK ALONG BACK SIDE

SAMPLE

SUMMARY OF CONSTRUCTION

Exterior Walls:

N STUCCO OVER BRICK E EXPOSED BRICK S ABUTS OTHER BUILDING W 2 LAYER WINDOWS

Notes:

Roof: FLAT

Floor(s): WOOD AND CONCRETE

Interior Walls BEING REMODELED FROM LATH AND PLASTER

Frame Lintels ARCHED

Other: MEZZANENE, 2 STORE FRONT WINDOWS

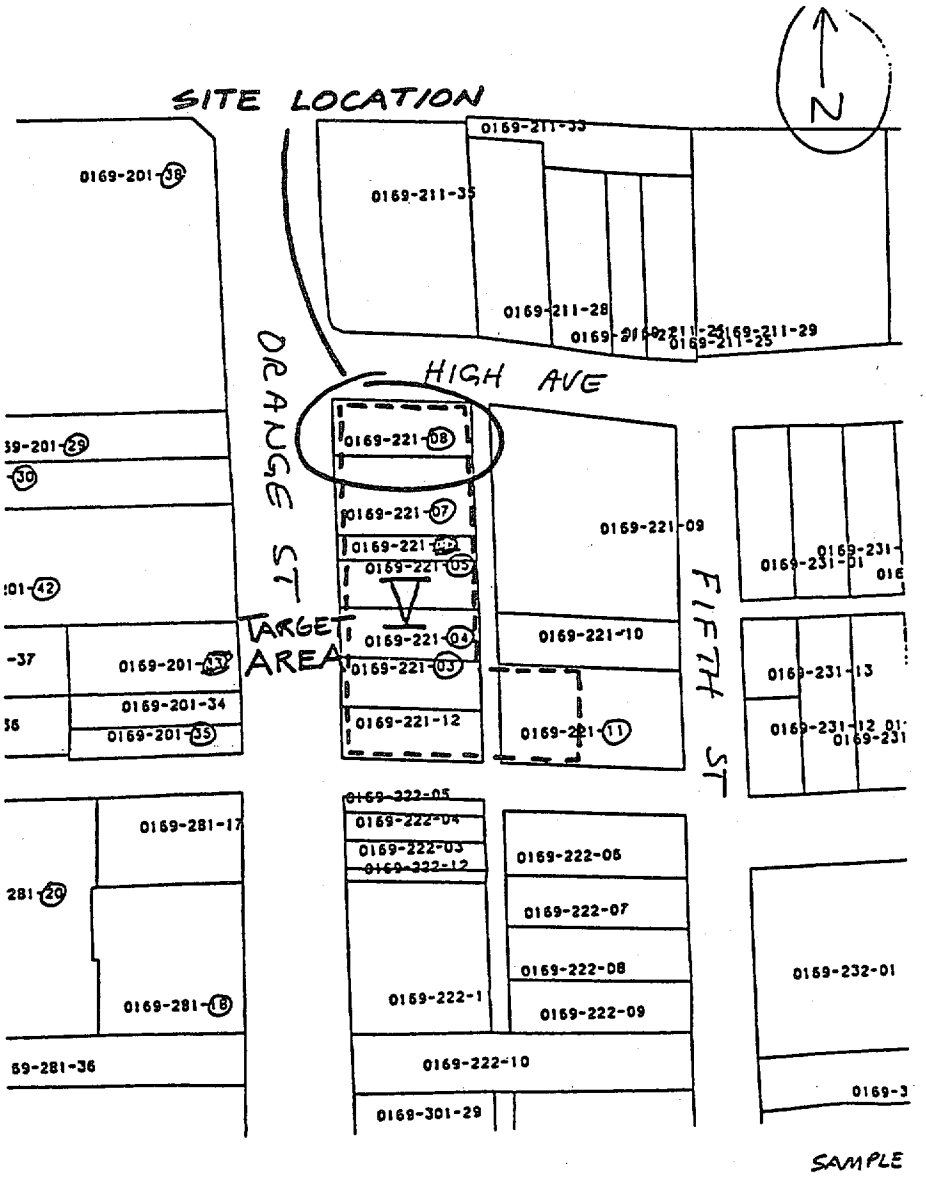
POSSIBLE HAZARDS

X Parapets
Walls
Gables
X Signs
Roof Tile
Coping
Facing
Towers
Marquees
Cornices
Ornamentation
Chimneys Tanks

OTHER NOTES OR REMARKS:

SAMPLE

SKETCHES AND NOTES



CRITICAL FACILITIES
BUILDING STRUCTURE CLASSIFICATION FORM

Name of building _____
Address _____
_____
Census tract _____

Primary function of building _____

Year built _____ Year remodeled or rehabilited _____

Plan sketch and dimensions:

Building length (parallel to street) L = _____ feet
Building depth (perpendicular to street) D = _____ feet
Building height (ground level to roof) H = _____ feet
Building size (L$D) A = _____ sq ft
Aspect ratio MAX(H/L,H/D) R = _____

Number of floors (ground floor and above) N = _____
Number of basements B = _____

1984 Replacement value $ _____

Amount of earthquake insurance $ _____

Underwriter's building classification _____
[ ] ISO
[ ] Other System: _____

SURVEY BUILDING CLASSIFICATION: _____

STRUCTURAL SYSTEM

GENERAL TYPE:

[ ] (1) Mobile Home
[ ] (1) Wood frame

[ ] (2) All metal

[ ] (3) Steel frame
- [ ] Simple
- [ ] Moment resisting
  - [ ] One-way frame
  - [ ] Two-way frame
- [ ] Ductile moment resisting
  - [ ] One-way frame
  - [ ] Two-way frame
- [ ] Poured-in-place concrete fire-proofing
- [ ] Shear walls

[ ] (4) Concrete frame
- [ ] Precast elements
- [ ] Moment resisting
  - [ ] One-way frame
  - [ ] Two-way frame
- [ ] Ductile moment resisting
  - [ ] One-way frame
  - [ ] Two-way frame
- [ ] Shear walls

[ ] (5) Mixed construction
- [ ] Unreinforced masonry
- [ ] Reinforced masonry
- [ ] Tilt-up

[ ] (6) Special earthquake resistant (Requires written justification)

EMERGENCY SYSTEMS:

[ ] Fire alarms

[ ] Heat and/or smoke detectors

[ ] Fire doors
- [ ] Self closing
- [ ] Automatic closing (Fusable link)

EXTERIOR WALLS:

Location: _____ story

Type: [ ] Bearing
[ ] Non-bearing
[ ] Curtain
[ ] Panel
[ ] In-filled

Material: [ ] Adobe
[ ] Wood
[ ] Cripple studs
[ ] Unbraced
[ ] Braced
[ ] Brick veneer
[ ] Stucco
[ ] Other Type: _____
[ ] Masonry
[ ] Hollow
[ ] Solid
[ ] Unreinforced
[ ] Reinforced
[ ] Brick
[ ] Tile
[ ] CMU
[ ] Concrete
[ ] Glass
[ ] Steel panels
[ ] Precast concrete panels
[ ] Other Type: _____

Percent of exterior wall openings: North _____
East _____
South _____
West _____

Thickness: _____ in

Through-wall ties: _____

INTERIOR WALLS:

Location: _____ story

Shear Walls:

Type: [ ] None
[ ] Isolated
[ ] Core

Material: [ ] Masonry
[ ] Hollow

[ ] Solid
[ ] Unreinforced
[ ] Reinforced
[ ] Brick
[ ] Tile
[ ] CMU
[ ] Concrete
[ ] Other Type: _____

Thickness: _____ in

Partitions:

Type: [ ] Non-moveable
[ ] Moveable

Material: [ ] Wood studs
[ ] Plaster
[ ] Sheetrock
[ ] Plywood panel
[ ] Other Type: _____
[ ] Metal studs
[ ] Plaster
[ ] Sheetrock
[ ] Plywood panel
[ ] Other Type: _____
[ ] Plaster
[ ] Masonry
[ ] Brick
[ ] Tile
[ ] CMU
[ ] Non-reinforced
[ ] Reinforced

Top: [ ] Below ceiling
[ ] At ceiling
[ ] At underside of upper floor/roof
Anchorage: [ ] None
[ ] Poor
[ ] Good
[ ] Excellent

Thickness: _____ in

```
FLOOR FRAMING:

     Location: ___________ story

          Type: [ ] Concrete slab on grade
                [ ] Joists
                    [ ] Wood
                    [ ] Steel
                    [ ] Concrete
                    [ ] Not anchored
                    [ ] Anchored
                [ ] Beam/girder
                    [ ] Timber
                    [ ] Steel
                    [ ] Concrete
                [ ] Wood trussed joists
                [ ] Concrete slab
                    [ ] Poured-in-place
                    [ ] Precast
                    [ ] Reinforced
                    [ ] Prestressed
                    [ ] Solid
                    [ ] Hollow
                    [ ] Ribbed
                    [ ] Waffel
                    [ ] Flat slab
                    [ ] Slab w/drops
                    [ ] Slab w/capitals
                    [ ] Slab w/drops and capitals
                    [ ] Precast elements   Type: ____________

          Deck: [ ] Wood
                [ ] Steel
                [ ] Concrete planks
                [ ] Light concrete deck slab (LEQ 3")
                [ ] Heavy concrete deck slab (GTR 3")
                [ ] Other     Type: ____________________

     Diaphragm: [ ] No
                [ ] Poor
                [ ] Good
                [ ] Excellent

     Diaphragm shear transfer connection: [ ] None
                                          [ ] Poor
                                          [ ] Good
                                          [ ] Excellent
```

ROOF FRAMING:

Surface: [ ] Flat
[ ] Sloped
[ ] Curved

Type: [ ] Joists
[ ] Wood
[ ] Steel
[ ] Concrete
[ ] Not anchored
[ ] Anchored
[ ] Beam/girder
[ ] Timber
[ ] Steel
[ ] Concrete
[ ] Wood trussed rafters
[ ] Truss/purlin
[ ] Timber
[ ] Steel
[ ] Concrete slab
[ ] Poured-in-place
[ ] Precast
[ ] Reinforced
[ ] Prestressed
[ ] Solid
[ ] Hollow
[ ] Ribbed
[ ] Waffel
[ ] Flat slab
[ ] Slab w/drops
[ ] Slab w/capitals
[ ] Slab w/drops and capitals
[ ] Precast elements Type: _____

Deck: [ ] Wood
[ ] Steel
[ ] Concrete planks
[ ] Light concrete deck slab (LEQ 3")
[ ] Heavy concrete deck slab (GTR 3")
[ ] Other Type: _____

Diaphragm: [ ] No
[ ] Poor
[ ] Good
[ ] Excellent

Diaphragm shear transfer connections: [ ] None
[ ] Poor
[ ] Good
[ ] Excellent

ORNAMENTATION:

Exterior: Inadequately anchored ornamentation and/or veneer above the first story _____
_____
_____

Stone coping on parapets, stone or pre-cast ledges, or sculptered sills and key-stones _____
_____
_____

Interior: [ ] Suspended ceilings
[ ] Tie wires
[ ] Not looped
[ ] Looped
[ ] Lateral bracing
[ ] None
[ ] Wires
[ ] Metal channels

[ ] Suspended light fixtures
[ ] Wire
[ ] Chain
[ ] Pendant (pipe / conduit)

[ ] Poorly anchored chandeliers and/or other ceiling appurtanacies

[ ] Drop-in fluorescent light fixtures

[ ] Bracket-mounted television sets _____
_____

[ ] Floor coverings _____
_____
_____

MECHANICAL/ELECTRICAL:

Heating Equipment: _____
Air Conditioning Equipment: _____
Electrical Generation and Distribution Equipment: _____
Elevators: _____
Escalators: _____
Miscellaneous Equipment: _____

Anchorage: (All equipment) _____

UNUSUAL CONDITIONS:

Previous EQ damage: _____

Settlement: (Differential settlement, cracking, bowing, leaning of walls) _____
_____
_____

Shear walls: (Symmetric or non-symmetric) _____

Lateral bracing: (Type) _____
(Symmetric or non-symmetric) _____

Building shape: [ ] Rectangular
[ ] Triangular/L-shape/T-shape/H-shape
[ ] "Open front" (U-shape)

Columns: (Continuous, non-continuous) _____
_____

Foundation: [ ] Above grade concrete piers or pedestals
[ ] Unreinforced
[ ] Reinforced
[ ] Above grade masonry piers or pedestals
[ ] Unreinforced
[ ] Reinforced
[ ] Tiedowns
[ ] Cross-bracing

Floors: (Cracking or sagging) _____

Swimming Pools: (On roofs) _____

Aspect ratio: R = _____

Other: _____
_____
_____
_____

HAZARDOUS EXPOSURES:

Roof tanks: Number: _____
Purpose: _____
Size: _____
Bracing/anchorage: _____

Roof signs: _____

Parapet walls: [ ] None
[ ] Unreinforced masonry
[ ] Reinforced masonry
[ ] Other Type: _____

[ ] Unbraced
[ ] Braced

Overhanging walls: _____

Chimneys: Height above roof: _____
Material: _____
Anchorage/bracing: _____

Pounding: _____

FOUNDATION:

Type: [ ] Strip footings
[ ] Isolated footings
[ ] Mat foundation
[ ] Piles
[ ] Wood
[ ] Steel
[ ] Concrete
[ ] Caissons
[ ] Other Type: _____

SOIL TYPE/CONDITION: [ ] Rock or firm alluvium or well-engineered man-made fill
[ ] Soft alluvium
[ ] Poor (natural or man-made)
Remarks: _____
_____

CRITICAL FACILITIES
BUILDING STRUCTURE EARTHQUAKE VULNERABILITY RATING FORM

BUILDING: _____ CLASS PML = _____

MODIFICATION FACTOR = [1.0 + (SUM OF MODIFIERS)/100] . . . _____

BUILDING PML = (CLASS PML)*(MODIFICATION FACTOR) . . . . . _____

MODIFIERS:

1. Occupancy type . . . . . _____

(1) Office, Habitational, Hospital, Laboratory, School
[ ] (-5) Low damageability
[ ] (0) Average damageability
[ ] (+5) High damageability

(2) Mercantile, Restaurant, Church
[ ] (-10)
[ ] (-5)
[ ] (0)

(3) Manufacturing, Warehousing, Parking structure, Stadium
[ ] (-15)
[ ] (-10)
[ ] (0)

2. Walls. . . . . _____

A. Exterior walls

(1) Concrete, poured or precast
(2) Masonry, reinforced solid or hollow
(3) Metal
(4) Glass
(5) Stucco on studs
[ ] (-5)
[ ] (0)
[ ] (+5)
(6) Masonry, unreinforced solid
[ ] (0)
[ ] (+5)
[ ] (+10)
(7) Masonry, unreinforced hollow
[ ] (0)
[ ] (+10)
[ ] (+20)

B. Interior walls and partitions

(1) Concrete, poured or precast
(2) Masonry, reinforced solid or hollow
(3) Plaster or gypsumboard on metal or wood studs
[ ] (-5)
[ ] (0)
[ ] (+5)
(4) Masonry, unreinforced solid or hollow
(5) Tile, hollow clay
[ ] (0)
[ ] (+5)
[ ] (+10)

3. Diaphragms . . . . . _____

A. Floors

(1) Concrete, poured
(2) Metal deck with concrete fill
(3) Metal
[ ] (-5)
[ ] (0)
[ ] (+5)
(4) Concrete, precast
(5) Wood: maximum ratio LEQ 2:1 w/ length LEQ 150'
[ ] (0)
[ ] (+5)
[ ] (+10)
(6) Wood: maximum ratio GTR 2:1
[ ] (0)
[ ] (+10)
[ ] (+20)

B. Roof (Null modifier when building GTR 5 stories)

(1) Concrete, poured
(2) Metal deck with concrete fill
(3) Metal
[ ] (-5)
[ ] (0)
[ ] (+5)
(4) Concrete, precast
(5) Wood or gypsum: maximum ratio LEQ 2:1 w/ length LEQ 150'
[ ] (0)
[ ] (+5)
[ ] (+10)
(6) Wood or gypsum: maximum ratio GTR 2:1
[ ] (0)
[ ] (+10)
[ ] (+20)

C. Purlin anchors lacking (+10)

4. Ornamentation. . . . . _____

A. Exterior
[ ] (-5)
[ ] (0)
[ ] (+5,+10)

B. Interior (includes ceilings and floor covers)
[ ] (-5)
[ ] (0)
[ ] (+5,+10)

5. Mechanical and Electrical Systems. . . . . _____

[ ] (-10, -5)
[ ] (0)
[ ] (+5,+10)

6. Unusual Conditions . . . . . _____

Include previous earthquake damage and repairs

[ ] (-10, -5)
[ ] (+5)
[ ] (+10,+25)

7. Hazardous exposures . . . . . _____

"Average" means "No exposure"

A. Roof tanks
[ ] Null
[ ] (0)
[ ] (+25)

B. Roof signs and overhanging walls
[ ] Null
[ ] (0)
[ ] (+5,+10)

C. Pounding of adjacent buildings
[ ] Null
[ ] (0)
[ ] (+5)

8. Site dependent hazards . . . . . _____

A. Foundation materials
[ ] (0) Rock or firm alluvium or well-engineered man-made fill
[ ] (+10) Soft alluvium
[ ] (+25) Poor (natural or man-made)

SUM OF MODIFIERS: _____

PRELIMINARY SCREENING

(PRE INSPECTION DATA)

BUILDING NO. 55 INSPECTED BY SAF DATE 1/15/86

DESCRIPTIVE TITLE (Current Use) HOSPITAL BUILDING

CLASSIFICATION ESSENTIAL

AVAILABILITY OF DESIGN DATA DRAWINGS AND CALCULATIONS ARE AVAILABLE

BUILDING DATA:

Number of Stories 3

Height 35' Plan (Show Dimensions) 48' x 192'

CONSTRUCTION:

Structural System Structural Steel Frame

Roof METAL DECK WITH LIGHTWEIGHT FILL

Intermediate Floors METAL DECK WITH CONC. FILL

Ground Floors SLAB ON GRADE

Foundations

Interior Walls

Exterior Walls

LATERAL FORCE RESISTING SYSTEM DUAL SF TRANSV. BRACED FRAME LONGIT.

EVALUATION:

General Condition

Earthquake Damage Potential

DAMAGE OBSERVED:

COMMENTS: